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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
YOSHINO KOJIMA, ET AL. : EXAMINER: PROUTY, R.
SERIAL NO: 09/641,701 :
FILED: AUGUST 21, 2000 : GROUP ART UNIT: 1652
FOR: ALPHA 1,4- :
GALACTOSYLTRANSFERASE :
AND DNA ENCODING THEREFOR :

13/B
H.93
12/4/02

AMENDMENT AND REQUEST FOR RECONSIDERATION

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Official Action dated June 19, 2002, Applicants respectfully request reconsideration in light of the following amendments and remarks.

IN THE CLAIMS

✓ Please cancel Claims 1-11 without prejudice.

Please add the following new claims:

12. (New) An isolated DNA consisting essentially of SEQ ID NO:1.
13. (New) An isolated DNA, which hybridizes under stringent conditions to the complement of the DNA of Claim 12, is about 1975 nucleotides, and which encodes a protein with an activity to transfer a galactose residue from a galactose donor to a C4 position of a galactose residue in lactosylceramide or galactosylceramide; and wherein the stringent conditions comprise washing in 2 X SSC and 0.1% SDS at room temperature, and washing in 0.1 X SSC and 0.1% SDS at a temperature of 50° or less.

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